00-BN-054 SHEET 1 OF 6

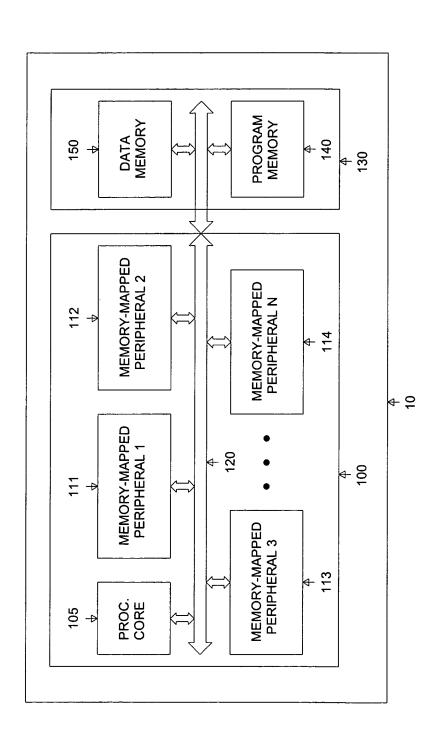


FIGURE 1

00-BN-054 SHEET 2 OF 6

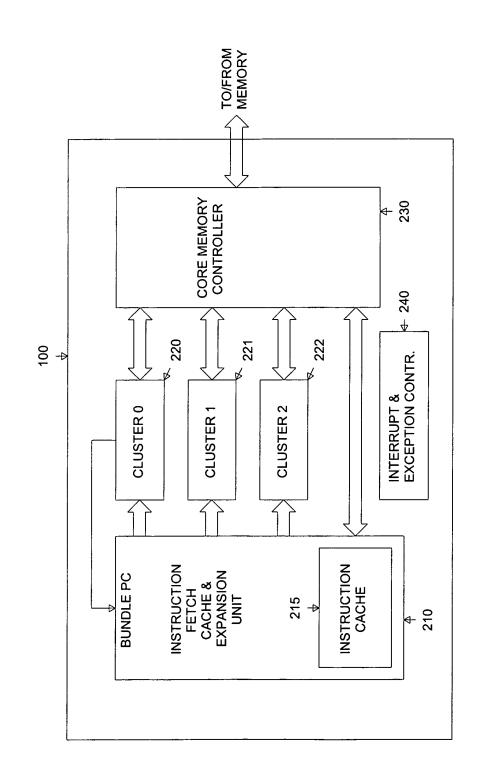


FIGURE 2

00-BN-054 SHEET 3 OF 6

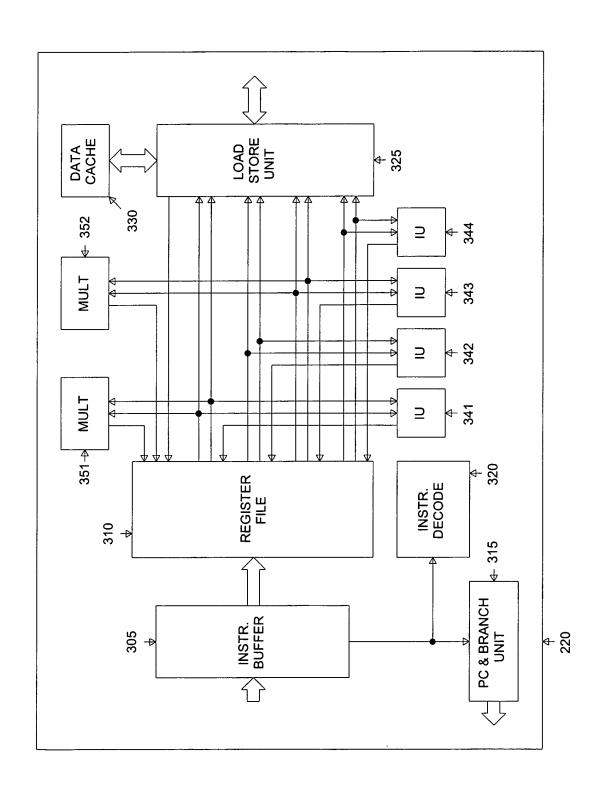


FIGURE 3

WRITE STAGE

ADDRESS GENERATION STAGE

401

407

EXCEPT. GENER. E2 STAGE 406 330 LOAD STORE UNIT DATA CACHE MULT. E1 STAGE 325 + 405 351 341 ⊇ REGISTER FILE ACCESS, BYPASS & IMMEDIATE GENER. READ STAGE 420 404 DECODE STAGE INSTR. DECODE PC & BRANCH UNIT 415 315 403 4 00 INSTR. BUFF. 305 ∳ FETCH STAGE 402 INSTR. CACHE 215

FETCH ADDR. GENER.

410

00-BN-054 SHEET 4 OF 6

440

430

REGISTER WRITE-BACK & BYPASS

FIGURE 4

400

00-BN-054 SHEET 5 OF 6

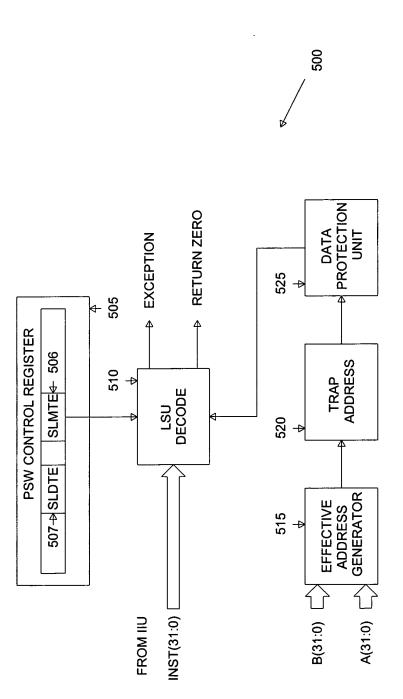


FIGURE 5

00-BN-054 SHEET 6 OF 6

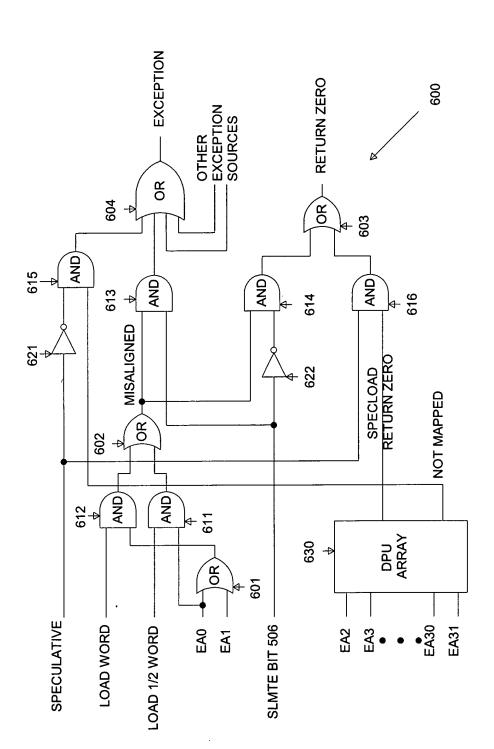


FIGURE 6